MEMORANDUM

TO: **Hatchery Managers and Enhancement Biologists**

FROM: **Ken Phillipson**

DATE: **Thursday, April 08, 2004**

SUBJECT: **Release of Hat-Pro Update Version 4.02 Hat-Pro Installation**

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This memo provides an update on the current operation and release status of Hat-Pro version 4.02

Hat-Pro Update- *For those who are <u>currently running</u> Hat-Pro, and want to save their existing Hat-Pro data.*

This update of hatchery management software is the culmination of our efforts over the last 11 months. It addresses changes, fixes, and enhancements to the application. It is intended for those who are currently using Hat-Pro, and wish to save their current data. This update contains refreshed lookup tables. The update routine has changed significantly. Please follow these instructions carefully:

1. **Copy your entire hatpro directory files into a new directory for a complete backup.**
2. Call NWIFC 360-438-1180 and speak with either Ken or Anita. Please **do not attempt to update your computer without our guidance**. We will need to determine/modify exactly the version you are using to update your system to version 4.02. This is a simple but needed task that can be done easily over the phone.

Hat-Pro Install – *For new users or those who want to <u>start over</u>, overwriting all current data.*

1. Uninstall the current version of Hat-Pro, which will delete all of your current data.
2. Use explorer to navigate to the folder on the cd titled "install 0304"
3. Run hatproinstall.exe
4. Close installation application and go to explorer. Right click on all .mdb or .ini files in your hatpro directory. Select properties. Make sure the read only box is not check marked. We have had some issues with these files becoming "read only" when copied.
5. Refer to the setup instructions in the file "setup.doc" on the cd for starting up a new database/hatchery

HatPro Release Module Instructions:

Background:
Over the past few months considerable effort has been put forth within the HatPro release module to allow release data to be transferred to NWIFC. HatPro is a program based on pond rearing; as such fish are released by individual ponds. An individual pond may contain multiple rearing groups and multiple tagging and marking records. This HatPro capability creates many challenges for final release reporting. Final reporting requires all fish of the same tag code be reported as one release record. Further any fish associated with the tag code (of same stock, spp., race, brood year, release timing, and rearing) should also be included within the same release record.

When pond release records are imported into NWIFC's release database, the releases from HatPro are consolidated by tag code. In addition CWT mortalities are subtracted and final tag and mark retention rates are applied. The end result of NWIFIC processing will be the release information contained in the Hatchery Managers Release Report and the 'Release Summary' section of the tag summary forms. The Hatchery Managers Release Report, generated from the NWIFC release database, is the report sent annually for tribal review prior to reporting releases to the Regional Mark Information System (RMIS). Part of the new HatPro installation also includes the ability to run the Hatchery Managers Release Report within HatPro. This data will be a mirror of the data that is currently present within a tag summary's 'Release Summary' section, NWIFC's and RMIS release databases.

What are the steps for using the release module?
1. Release fish from individual ponds. This is done by selecting 'Rearing' on the menu bar and further selecting 'Pond daily entry'. At this point depress the retrieve button and all your active ponds will appear. Select the pond you choose to release. Then go to the Release tab, where you will be prompted to either enter an actual number of fish or the % of the pond you choose to release. Fill-out the appropriate information relevant associated with the release. Continue to release all ponds until all releases have occurred for the year and the ponds are drained.
2. You are now ready to export records to NWIFC for consolidation. First go to Utilities on the menu bar. Next select 'Export', a prompt will then appear where there are 3 types of exports that can be selected. Select 'Marking, Tagging, Release' data and then enter the release year and retrieve the data. Next you will need to create a file name for the export. It is suggested that you create a file name that will be easily recognized as your being from your tribe. There should also be some indication as to which release year is being exported. For example, a file name for a Nisqually's 2004 release export might appear as "nisq 04". In the process of naming the file you will need to select a file directory where you would like to export the files to. You will need to remember where this location is, as these will be the files you will be sending to NWIFC.
3. Once the files are created they are ready to be sent to NWIFC. You can either send the files to Dietrich Schmitt as an email attachment or via snail mail within a disk.

It is strongly encouraged that you contact Dietrich Schmitt while running through this process the first time. He will be happy to walk you through it.

Other Release Reporting Options

This is a reminder that aside from the two electronic reporting methods mentioned above, you can also submit releases to NWIFC by **sending in CWT/Mark Summary and NonCWT Release Forms.** This is currently the method used to report CWT or mass marked NonCWT releases. The tag summary sheet contains 3 main sections: 1) 'Study Outline' and 'Marking Data', 2) preliminary release information 'Rearing and Release Data" (i.e. retention rates not applied) which is completed by the hatchery manager, and 3) the 'Release Summary' section where the final release counts are determined by applying retention rates. Upon the "Release Summary" section being completed a copy is sent back to the respective tribe for their permanent records.

It is our intention to continue to use the tag summary forms as an entry form for marking and tagging information and as a back-up to electronic records. There is also a form available for releases not associated with a particular tag code or marked release group. It contains all the information needed for reporting purposes. **If you prefer to submit releases by email (e.g. excel spreadsheets) or dictate releases over the phone both options are also available.**

Hat-Pro Update Version 4.0.2 – March 8, 2004
Fixed New Mark_Tag popup window so it requires marking site before saving and changed pulldown to be same as on Mark/Tag entry screen.
Modified Mark_Tag popup window so only shows current active ponds in 'Selected' side
Changed Mark/Tag entry to calc 3rd value on Marking Quality
Fixed problem with mort allocation.
Fixed Release % on release tab to auto-calc # released.
Rebuilt Relmark table
Fixed problem in pond split

Hatpro Update Version 4.0.1 – January 8, 2004
Fixed feed type pulldown on Feed Management selection tab
Fixed feed type and feed size pulldowns on Feed Management Feed Receipt tab
Fixed error in Pond Split
Fixed Pring button on Pond Forecasting window
Fixed save of Unmarked on Broodstock Sampling tab

Fixed reports :
      Daily Scheduled Feed
      Daily Scheduled Feed by Pond
      Mark Sampling
      Monthly Stock Tracking
      Pond Mortality Report
      Pond Summary
      Single Stock Monthly Tracking
      Stock Sampling

Hatpro Update Version 4.0.0 – November 2003
Converted to PowerBuilder 9

Hatpro Update Version 3.1.0 – September 23, 2003
Modified NWIFC Export
Created import and report for Relmark data (Release data returned from NWIFC after processing)
Revised Length-Weight in both Brood and Rearing
Added 6 new tables for length-weight graphing
Added new columns to pond_report, mark_tag, relmark

Structure Changes

Table	Column	Action
Pond_report	num_untag_mark_mort	added column
Pond_report	num_untag_unmark_morts	added column
Pond_report	num_tag_mark_morts	added column
Pond_report	num_tag_unmark_morts	added column
Pond_report	num_cwt_other_mark_morts	added column
Pond_report	num_other_tag_other_mark_morts	added column
Pond_report	num_other_tag_unmark_morts	added column
Pond_report	num_other_mark_morts	added column
Mark_tag	combined_tag_ret_prcnt	added column
Mark_tag	combined_tag_ret_num	added column
Relmark	jay_dup_rept	added column
Relmark	fixed_in_rmis	added column
Rearing_group_lw_graph_length		new table
Rearing_group_lw_graph_weight		new table
Rearing_group_lw_graph_kfactor		new table
Pond_lw_graph_length		new table
Pond_lw_graph_weight		new table
Pond_lw_graph_kfactor		new table

Created new pond Mort report
Fixed bug in Pond Split function that disassociated mark records when pond was split
Put scrollbars on a couple of places where missing
Cosmetic fixes on reports

Hatpro Update Version 3.0.1 – June 17, 2003
Modified NWIFC Export
Cosmetic fixes on reports